



COURSE SYLLABUS

Challenge Driven Operations Development (C-dod), 5 credits

Utmaningsdrivet utvecklingsarbete, 5 högskolepoäng

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| Course Code: TUUR22 | Education Cycle: Second-cycle level |
| Confirmed by: Dean Mar 1, 2021 | Disciplinary domain: Technology |
| Revised by: Director of Education Oct 28, 2021 | Subject group: FE1 |
| Valid From: Jan 1, 2022 | Specialised in: A1N |
| Version: 2 | Main field of study: Production Systems |

Intended Learning Outcomes (ILO)

After a successful course, the student shall

Knowledge and understanding

- display knowledge of theories that enhance the understanding of conditions for challenge-based development work
- display knowledge of theories that enhance the understanding of goal setting in challenge-based development work
- display knowledge of theories that enhance the understanding of strategies to implement challenge-based development

Skills and abilities

- demonstrate the ability and skill to analyze conditions, goal setting and implementation of strategies for challenge-based development work

Judgement and approach

- demonstrate the ability to reflect upon challenges and opportunities related to the implementation of challenge-based operation development

Contents

Within the area of operation management there exist numerous challenges related to the development of efficiency and effectiveness. In this course methodological strategies addressing challenge-based operations development are explored.

The course includes the following main elements:

- The systematic analysis of conditions that drives challenge-based development work in operation management
- The systematic analysis of goal setting in challenge-based development work in operation management.
- The systematic analysis of implementation strategies related to challenge-based development

work in operation management.

Type of instruction

Lectures, seminars, and exercises.

The teaching is conducted in English.

Prerequisites

The applicant must have 40 credits in the main field of study, Technology, and at least 2 years of relevant work experience in the industry (or the equivalent).

Examination and grades

The course is graded Fail (U) or Pass (G).

The final grade will only be issued after satisfactory completion of all assessments.

Registration of examination:

| Name of the Test | Value | Grading |
|------------------|-----------|---------|
| Exercise | 2 credits | U/G |
| Seminar | 3 credits | U/G |

Course literature

The literature list for the course will be provided 8 weeks before the course starts.

Hoshin Kanri – Innovativ ledning av strategiarbete (there will be an available pdf version in English)

Anders Melander

Studentlitteratur

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